

## SEQUENCE LISTING

<110> Delansorne, Rémi Bonnet, Paule Paris, Jacques

<120> Pharmaceutical compositions based on alpha-cyclodextrin for the oral administration of LH-RH analogues

<130> H20058-5US

<140> 09/787,436

<141> 2000-03-17

<150> PCT/EP99/07389

<151> 1999-09-23

<150> EP98402403.4

<151> 1998-09-30

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<170> PatentIn Ver. 2.1

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: LH-RH analogue

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<223> Xaa is pGlu, D-pGlu, Sar, AcSar, Pro, Ser, D-Ser, Ac-D-Ser, Thr, D-Thr, Ac-D-Thr or an optionally substituted and/or acylated aromatic D-amino acid

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<223> Xaa is His or an optionally substituted aromatic D-amino acid

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<223> Xaa is an optionally substituted aromatic L- or D-amino acid

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<223> Xaa is Ala, Ser, D-Ser, MeSer, Ser(OBut), Ser(OBzl) or Thr

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<223> Xaa is an optionally substituted aromatic L-amino acid or an optionally substituted basic L- or D-amino acid

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<223> Xaa is an aza-amino acid, D-His which may be substituted on the
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      or an optionally substituted basic L- or D-amino acid
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<223> Xaa is a linear, branched or cyclic aliphatic L-amino
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<223> Xaa is an aza-amino acid, D-His which may be substituted on the
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acid
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      and/or acylated aromatic D-amino acid
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<223> Xaa is an optionally substituted aromatic D-amino acid
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      or an optionally substituted basic L- or D-amino acid
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<223> Xaa is Gly, (S)-spirolactam-Pro, D-Pro, D-Ser, D-Thr,
      D-Cys, D-Met, D-Asn, D-Pen, D-(S-Me)Pen, D-(S-Et)Pen,
      D-Ser(OBut), D-Asp(OBut), D-Glu(O-But), D-Thr(O-But),
      D-Cys(O-But), D-Ser(O-R1) where R1 is a sugar moiety
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<223> Xaa is an aliphatic D-amino acid with a (C1-C8)alkyl or a(C3-C6)
      cycloalkyl side chain, an optionally substituted aromatic D-amino
acid
      D-cyclohexadienyl-Gly, D-perhydronaphthyl-Ala, D-perhydrodiphenyl-
Ala
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or an optionally substituted basic L- or D-amino acid <220> <221> SITE <222> (7) <223> Xaa is a linear, branched or cyclic aliphatic L-amino acid of 3 to 20 carbon atoms which may be N-alpha-substituted by a (C1-C4)alkyl group optionally substituted by one or several fluorine atoms <220> <221> SITE <222> (8) <223> Xaa is an optionally substituted basic L- or D-amino acid <220> <221> SITE <222> (10) <223> Xaa is GlyNH2 or D-AlaNH2 <400> 6 Xaa Xaa Xaa Xaa Xaa Xaa Pro Xaa <210> 7 <211> 10 <212> PRT <213> Artificial Sequence <220> <223> Description of Artificial Sequence: LH-RH analogue <220> <221> SITE <222> (1) <223> Xaa is Ac-D-Nal <220> <221> SITE <222> (2) <223> Xaa is D-pClPhe <220> <221> SITE <222> (3) <223> Xaa is D-Pal <220> <221> SITE <222> (5) <223> Xaa is Tyr, HTyr, MeTyr, MeHTyr, NicLys or IprLys <220> <221> SITE <222> (6) <223> Xaa is (S)-spirolactam-Pro, D-Arg, D-NicLys, D-IprLys, D-Cit, D-HCit or D-Asn

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